

REC PREMIX FM-249

Cement Based, Fiber Reinforced, High Quality, High Strength Ready Mixed Mortar

PRODUCT

Rec Premix FM-249 is cement based, fiber reinforced, high quality, ready mixed mortar in powder form.

Rec Premix FM-249 requires the addition of water on site.

When **Rec Premix FM-249** is mixed, it provides high quality, non segregating mortar specially formulated to replace the traditional sand / cement plastering mortar. It is ideal for interior and exterior applications especially in coastal areas.

Rec Premix FM-249 is available in different cement: sand mixing ratios to meet the different applications.

Rec Premix FM-249 is manufactured from carefully selected raw materials which include a blend Ordinary Portland Cement, selected well graded, salt free silica sand, additives and fiber.

STANDARDS

Rec Premix FM-249 is formulated to comply with Egyptian standard.

ADVANTAGES

- Easy to use and apply. Only requires the addition of water on site for ease of use.
- Raw materials are selected according to the highest quality control standards.
- Excellent mixing, and application characteristics.
- The simplicity of usage and application gives very high productivity rates.
- Excellent resistance to extreme weather conditions.
- Ideal for trowel application on vertical and overhead surfaces.

CHARACTERISTICS	
Base	Ordinary Portland cement, well graded salts free silica sand and polypropylene fiber.
Powder Density	Approx. 1.6 kg/lit.

INSTRUCTIONS FOR USE

SURFACE PREPARATION.

- All surfaces should be in a good and strong condition.
- All surfaces should also be clean and free from any loose particles, dust, oil, grease, curing agents, or paint.
- If the surface is dry and in hot weather, pre-wet prior to the application of **Rec Premix FM-249** without leaving excess water.
- A spatter dash slurry coat should be applied as a key coat for improved bonding & adhesion of subsequent layers,
- A few hours before the application of **Rec Premix FM-249**, dampen the rush coat with clean water.

PRODUCT PREPARATION

- Approx. 6.25 ± 0.25 litres of water/ 40 kg bag.
- The whole contents of the bag should be mixed together with water, in one container using a hand drill equipped with mixing blade or revolving drum mixer.
- Partial small amounts may be mixed manually, with a trowel, or other suitable hand mixing tools.
- Add 6.25 liters of fresh cool, clean water in one deep container. Then, add the contents of the 40 kg bag gradually and mix till the mixture is uniform and free of lumps.

PRODUCT APPLICATION

- **Rec Premix FM-249** should be immediately applied on the surface to be plastered, while the mortar is fresh and workable.
- Apply **Rec Premix FM-249** to the prepared surface using conventional hand application.
- **Rec Premix FM-249** needs adequate curing. Damp curing is the recommended curing method.
- Finish the surface with a wooden or steel float as required.
- Let the product set properly on the surface before any curing.
- If more thickness is required, the application should be done in two layers. The 1st layer should be roughened then cured.
- The 2nd layer should be applied at least 48 hrs after the 1st one. Then cured with water for 3 days around 3 times a day.

CURING

- Protect the newly applied plaster from sunshone and wind.
- The new plaster has to be cured with water for at least three days by spraying 3-4 times daily.

COVERAGE RATE

Around 17 kg/m² @ 1 cm thickness.
(Coverage rate may vary depending on surface condition)

STORAGE

Shelf life is 12 months from manufacturing date, in a dry, covered storage area.

SAFETY PRECAUTIONS

While using the product, gloves mask and goggles should be worn. Splashes to skin or eyes should be washed with clean water, in case of prolonged irritation, seek medical advice.



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DISCLAIMER

while the company guarantees its product against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

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